REMARKS

Claims 1-30 are pending. Claims 1-30 are restricted into Group I, claims 3, 5-8, and 27-30; Group II, claim 4; Group III, claims 9 and 10; Group IV, claims 11-14; Group V, claims 15-18; and Group VI, claims 19-26.

Applicants elect Group IV claims for prosecution with traverse. All the claims are related to the polymer of claim 1 and can be examined all together.

Applicants elect the polymer of the following structure as the species for examination:

$$SO_{2} \xrightarrow{R_{3}} O \xrightarrow{R_{2}} CH_{2} \xrightarrow{R_{2}} O \xrightarrow{R_{2}} O \xrightarrow{R_{3}} O \xrightarrow{R_{2}} CH_{2} \xrightarrow{R_{2}} O \xrightarrow{R_{3}} O \xrightarrow{R_{2}} O \xrightarrow{R_{3}} O \xrightarrow{R_{2}} O \xrightarrow{R_{3}} O \xrightarrow{R$$

The undersigned authorizes the examiner to charge any fees that may be required or credit of any overpayment to be made to Deposit Account No. 07-1850.

CONCLUSION

Allowance of the claims is respectfully requested. If the Examiner has any suggestions or amendments to the claims to place the claims in condition for allowance, applicant would prefer a telephone call to the undersigned attorney for approval of an Examiner's amendment. If the Examiner has any questions or concerns, the Examiner is invited to telephone the undersigned attorney at (415) 393-9885.

The undersigned authorizes the examiner to charge any fees that may be required or credit of any overpayment to be made to Deposit Account No. 07-1850.

Date: February 26, 2007

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Zhaoyang Li, Ph.D., Esq. Attorney for Applicants

Reg. No. 46,872